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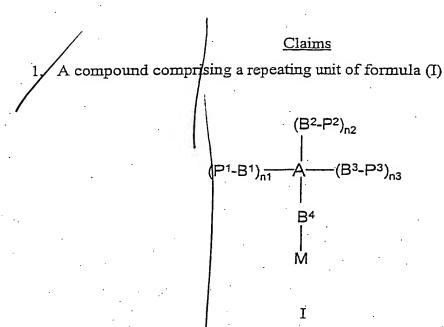
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in which:

represents a nitrogen atom, a carbon atom, a group -CR¹- or an aromatic or alicyclic group, which is optionally substituted by a group selected from fluorine, chlorine, cyano and a C¹-¹8 cyclic, straight-chain or branched alkyl group, which is optionally substituted by a single cyano group or by one or more halogen atoms and in which one or more non-adjacent alkyl -CH²- groups are optionally replaced by a group selected from -O-, -CO-, -CO-O-, -O-CO-, -Si(CH³)²-O-Si(CH³)²-, -NR¹-, -NR¹-CO-, -CO-NR¹-, -NR¹-CO-O-, -O-CO-NR¹-, -NR¹-CO-O-, wherein R¹ represents a hydrogen atom or lower alkyl,

M represents a repeating monomer unit;

 n^1 to n^3 each independently represent 0 or an integer having a value of from 1 to 3, with the proviso that $1 < n^1 + n^2 + n^3 < 4$;

P1, P2, P3 each independently represents a photoactive group; and

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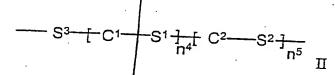
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B¹ to B⁴ each independently represent a residue of general formula II



in which

substituted by a single cyano group or by one or more halogen atoms and in which one or more non-adjacent alkylene -CH2- groups are optionally replaced by a group selected from -O-, -CO-, -CO-O-, -O-CO-, -Si(CH3)2-O-Si(CH3)2-, -NR¹-, -NR¹-CO-, -CH=CH-, -C≡C-

and -O-CO-O- wherein R is as defined above,

C¹ and C² each independently represents an aromatic or an alicyclic group, which is optionally substituted by a group selected from fluorine, chlorine, cyano or a C₁-18 cyclic, straight-chain or branched alkyl group, which is optionally substituted by a single cyano group or by one or more halogen atoms and in which one or more non-adjacent alkyl -CH₂- groups are optionally replaced by a group selected from -O-, -CO-, -CO-O-, -O-CO-, -Si(CH₃)2-O-Si(CH₃)2-, -NR¹-, -NR¹-CO-, -CO-NR¹-, -NR¹-CO-, -CO-NR¹-, -NR¹-CO-O-, -CH=CH-, -C≡C- and -O-CO-O- wherein R¹ represents a hydrogen atom or lower alkyl, and

n⁴ and n⁵ are each independently 0 or 1.

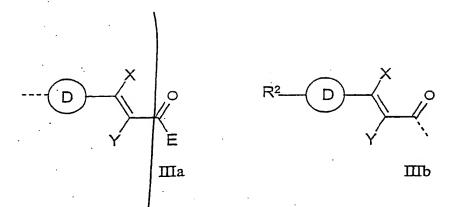
2. A compound according to Claim 1, in which P¹ to P³ are selected from the general formulae IIIa and IIIb:

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wherein the broken line indicates the point of linkage to S³ and wherein:

D represents pyrimidine-2,5-diyl, pyridine-2,5-diyl, 2,5-thiophenylene, 2,5-furanylene, 1,4- or 2,6-naphthylene; a phenylene group, which is optionally substituted by a group selected from fluorine, chlorine, cyano; or a C₁₋₁₈ cyclic, straight-chain or branched alkyl residue, which is optionally substituted by a single cyano group or by one or more halogen groups and in which one or more non-adjacent alkyl -CH₂ groups are optionally replaced by a group selected from -O-, -CO-, -CO-O-, -O-CO-, -O-CO-, -NR¹-, -NR¹-CO-, -CO-NR¹-, -NR¹-CO-, -CO-NR¹-, -NR¹-CO-, -CO-NR¹-, -C=C- and -O-CO-O-, wherein R¹ is as defined above;

represents $-OR^3$, $-NR^4R^5$ or an oxygen atom, which defines together with the ring D a coumarin unit, wherein R^3 , R^4 and R^5 are selected from hydrogen and a C_{1-18} cyclic, straight-chain or branched alkyl residue, which is optionally substituted by one or more halogen atoms and in which one or more non-adjacent alkyl -CH2- groups are optionally replaced by a group selected from -O, -CO, -CO, -CO, -O, -CO, and -CH=-CH, or -CH and -CH and -CH and -CH alicyclic ring;

X, Y each independently represent hydrogen, fluorine, chlorine, cyano or a C₁₋₁₂ alkyl group, which is optionally substituted by fluorine and in which one or

 \mathbb{R}^2



more non-adjacent alkyl -CH₂ groups are optionally replaced by a group selected from -O-, -CO-O-, -O-CO- and -CH=CH-:

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C.

n L

NJ

₩ 15 CJ

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- represents hydrogen or a C₁₋₁₈ straight-chain or branched alkyl residue, which is optionally substituted by a single cyano group or by one or more halogen atoms and in which one or more non-adjacent alkyl -CH₂- groups are independently optionally replaced by a group selected from -O-, -CO-, -CO-O-, -O-CO-, -Si(CH₃)₂-O-Si(CH₃)₂-, -NR¹-, -NR¹-CO-, -NR¹-CO-NR¹-, -NR¹-CO-NR¹-, -NR¹-CO-NR¹-, -CE-CH-, -CE-C- and -O-CO-O-, wherein R¹ is as defined above.
- 3. A compound according to Claim 1 or Claim 2, in which the repeating unit of formula (I) comprises at least 50% of the monomer building blocks comprising the compound of formula (I).
- 4. A compound according to any one of claims 1 to 3, in which the group M is selected from acrylate; methacrylate; 2-chloroacrylate; 2-phenylacrylate; acrylamide, methacrylamide, 2-chloroacrylamide and 2-phenylacrylamide, the nitrogen atom of which is optionally substituted by a lower alkyl group; vinyl ether; vinyl ester; a styrene derivative; siloxane; imide; amic acid; amic acid esters; amidimide; maleic acid derivatives and fumaric acid derivatives.
- 5. A method of manufacturing a compound of formula (I) comprising the polymerisation of one or more pre-finished monomer units of formula (I).
 - 6. A method of manufacturing a compound of formula (I) comprising reacting a photoactive derivative with a functional polymer analogue of a polymer according to Claim 1.
 - 7. A polymer layer comprising a compound of formula (I) in cross-linked form.
- 8. A polymer layer according to Claim 7, which is an orientation layer for an optical or an electro-optical device.

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- 9. Use of a compound according to any one of claims 1 to 4 in the manufacture of an optical or an electro-optical device.
- 10. An optical or an electro-optical device comprising a compound according to any one of claims 1 to 4.
- 11. An optical or an electro-optical device comprising a layer according to Claim 7 or Claim 8.
- 12. A compound of formula (I), which is Poly-[1-[11-[5-[4-[(E)-2-methoxy-carbonylvinyl]benzoyloxy]-2-[6-[2-methoxy-(E)-4-(methoxycarbonylvinyl)-phenoxy]oxyhexyl]benzoyloxy]undecyloxycarbonyl]-1-methylethylene]
- 13. A compound of formula (I), which is Poly-[1-[11-[(E,E)-2,5-di-[6-[2-methoxy-4-(methoxy-arbonylvinyl)phenoxy]oxyhexyl]benzoyloxy]undecyloxycarbonyl]-1 -methylethylene].